

## **7-Hydroxy-4-trifluoromethylumbelliferone [7-Hydroxy-4-trifluoromethylcoumarin]**

**Cat. No.** DYE-156    **Lot. No.** (See product label)

### **SPECIFICATION**

#### **Product Overview**

|                       |                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>    | This coumarin compound is used as a calibration standard for 7-hydroxy-4-trifluoromethylcoumarin-based enzyme substrates. It has pH-dependent fluorescence. |
| <b>CAS number</b>     | 575-03-1                                                                                                                                                    |
| <b>Molecular Mass</b> | 230.14                                                                                                                                                      |
| <b>Formula</b>        | C <sub>10</sub> H <sub>5</sub> F <sub>3</sub> O <sub>3</sub>                                                                                                |
| <b>Ex(nm)</b>         | 385                                                                                                                                                         |
| <b>Em(nm)</b>         | 502                                                                                                                                                         |
| <b>Solvent</b>        | DMSO                                                                                                                                                        |
| <b>Storage</b>        | Store at -20°C in the dark. Dessicated.                                                                                                                     |

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